
Amendments to the Claims:

1. (Cancelled)
2. (Cancelled)
3. (Cancelled)
4. (Cancelled)
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28. (Cancelled)

29. (Cancelled)

30. (Cancelled)

31. (Currently Amended) A system for data representation, comprising:

- (A) an information environment, comprising multiple data variables and one or more data interdependency relationships between said data variables;
- (B) a framework within said information environment, wherein said framework further comprises normal values which are displayed to assist the user in discerning deviations from said data interdependency relationship between said multiple data variables and said normal values; and
- (C) an object, having properties including dimensions, located about said framework, wherein said properties of said object represent multiple said data interdependency relationships between said multiple data variables

and wherein said object is deformable in multiple dimensions to show
changes in said data interdependency relationships and are is correlated
with data for representation and is displayed in relation to said normal
values.

32. (Original) A system for data representation, as recited in claim 31, wherein said data for representation is derived from a natural dynamic system.
33. (Original) A system for data representation, as recited in claim 31, wherein said data for representation is derived from an artificial dynamic system.
34. (Original) A system for data representation, as recited in claim 31, further comprising sensor presented information relating to the health of said data, based on the relationship between one or more objects.
35. (Original) A system for data representation, as recited in claim 34, wherein said sensor provided information shows a measurement of the interaction between one or more vital signs of a natural dynamic system.
36. (Original) A system for data representation, as recited in claim 31, further comprising a three dimensional and auditory health-space for mapping system data.
37. (Original) A system for data representation, as recited in claim 31, wherein said object further comprises a display showing the relationship between a data object and an expected normal shape and location for said data object.

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38. (Original) A system for data representation, as recited in claim 34, wherein the health of a system is shown by placing said object within a health space.
39. (Original) A system for data representation, as recited in claim 34, wherein the health of a system is shown by placing said object within a life space.
40. (Original) A system for data representation, as recited in claim 31, wherein said correlation of said data and said object is shown be an attribute, wherein said attribute is selected from the group consisting of apparent volumetric density, 3-D enclosure, deformation, secondary forms of said object, degree of opacity, degree of texture, color, hue, atmospheric density, audible sounds, size and position.
41. (Original) A system for data representation, as recited in claim 31, wherein said correlation is shown by a three-dimensional shape.
42. (Original) A system for data representation, as recited in claim 31, wherein said object further comprises a major axis and a minor axis, and wherein said major axis and said minor axis have a length dimension that represent a data value.
43. (Original) A system for data representation, as recited in claim 41, wherein said three dimensional shape of said object changes as the correlation between said data and said object changes.
44. (Original) A system for data representation, as recited in claim 40, wherein said attribute changes as said data changes.

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45. (Original) A system for data representation, as recited in claim 42, wherein said major axis and said minor axis change in said length dimension as said data changes
46. (Original) A system for data representation, as recited in claim 31, wherein said framework further comprises a time reference axis.
47. (Original) A system for data representation, as recited in claim 31, further comprising a means for the selection of a user viewpoint from a plurality of potential user viewpoints.
48. (Original) A system for data representation, as recited in claim 47, wherein said viewpoints can be selected from the group consisting of a perspective view, an immersive Virtual Reality view and an orthographic view.
49. (Original) A system for data representation, as recited in claim 31, further comprising a means for display of a layout of a plurality of time-space viewpoints.
50. (Original) A system for data representation, as recited in claim 31, further comprising a means for zooming in and out of a time-space coordinate.
51. (Original) A system for data representation, as recited in claim 31, further comprising a means for displaying the history of said data.
52. (Original) A system for data representation, as recited in claim 31, further comprising a means for customizing a display of said objects.

53. (Original) A system for data representation, as recited in claim 31, further comprising a means for storing said objects for display at a later time.
54. (Original) A system for data representation, as recited in claim 53, wherein said means for storing further comprises a means for speeding up a display of said objects.
- DI 55. (Original) A system for data representation, as recited in claim 43, wherein said means for storing further comprises a means for slowing down a display of said objects.
56. (Original) A system for data representation, as recited in claim 31, further comprising a means for the providing a user with a comparison of a data driven object with expected location, size, shape and color of said data driven object.
57. (Withdrawn)